Order No. R700 0150

The Komit is a unique dynamic processor that combines a highly effective single-knob compressor with a funky sounding diode-bridge limiter. Unlike most compressors that require carefully balancing a series of knobs to get things to sound good, the Komit is a single dial device that is amazingly easy to use. All you do is set the input level using the +4/-10dB switch, set the reaction time for fast (percussion), medium (instruments), or slow (vocal), set the ratio for the amount of compression you want and then adjust the make-up gain as needed. Switching the 12 position limiter switch to 'brick wall' doubles the compression ratio to keep signals out of the red. Turning the limiter switch counter-clockwise introduces an old school diode-bridge limiter that begins with subtle overdrive and ends with extreme distortion. The Komit's compression algorithm automatically shifts from soft knee at lower compression ratios to hard knee when pushed hard.

FEATURES

- *Single knob compression for easy use*
- *Automatically shifts from soft to hard knee*
- *Brick wall limiter for ultra clean recording*
- *Diode-bridge clipper circuit adds distortion*

APPLICATIONS

- *Controls excessive peaks when recording*
- *Smooths out vocal tracks*
- *Adds character and 'balls' to a track*
- *Brings creative effects to your music*

COOL FACTORS

- *Sets up quickly for voice or instrument*
- *Great sounding compression every time!*
- *Stereo link for program material*
- *Instant '9 Inch Nails' crunch*

FlexKnee™ adjusts itself based on the program material. As the input level increases the Komit automatically transitions from soft-knee to hard-knee compression at the pivot point.
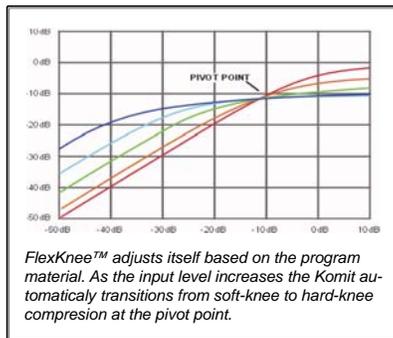
DUAL BALLISTIC VU - 10-segment LED ladder is divided into two meters. The left side indicates gain reduction while the right conveys the output level.

LIMITER - 12 position dial lets you engage a brick-wall limiter or select the old-school diode-bridge clipping circuit to add distortion.

BRICK WALL SETTING - Changes compression ratio control from 10:1 to a 20:1 brick wall limiter. Ideal for set & forget digital recording.

3 SPEED VCA - Feed-forward auto-detection makes it easy to set the time constants. Slow for vocals, medium for instruments and fast for percussion.

COMPRESSOR - State of the art FlexKnee™ compression circuit automatically transforms from soft-knee to hard-knee as it follows the dynamics.

SYNC - Allows two Komits to share the same time constant while maintaining independent channel compression for optimal stereo dynamics.

INPUT- Lets you toggle the threshold between +4dB and -10dB to optimize the input range for all types of program material.

GAIN - Gives you up to +22dB of gain make-up when signals are compressed. Also used to drive the diode-bridge Clipper for added character.

ON - Bypass switch lets you quickly compare the original pre-compressed signal to the settings you have selected on the Komit.

OMNIPORT – Designated as a key input to allow external control over the compressor side chain. Available when used with Radial Workhorse racks.

12 POSITION SWITCH: Militay-grade Grayhill switch features gold contacts and steel shaft for years of trouble-free performance.

HAMMOND TRANSFORMERS - Delivers the warmth of analogue while adding the sonic character of old-school broadcast circuitry.

100% DISCRETE CIRCUITRY - Full size through-hole discrete electronics for optimal signal transfer. Parts are selected and inserted by hand.
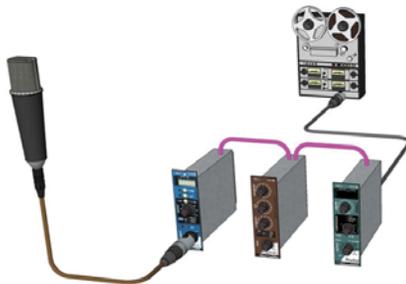
CHANNEL STRIP

The Komit is the ideal compressor to compliment a 'gold' channel strip. Combine the PowerPre with a Q3 equalizer and use the Komit to keep dynamics under control.
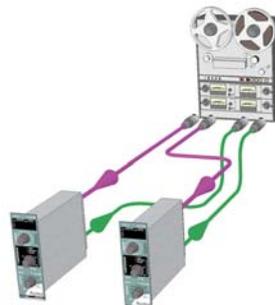
STEREO PROGRAM

Link two Komits together for stereo. This is great for mastering or levelling a stereo program. When linked, the two Komits share the same time constant while still compressing independently to retain a full stereo image.

DUCKING

Use the key input (via the Omniport on the Workhorse) to automatically duck a guitar track (lower the level) when the vocalist begins to sing. Simply connect the TRS output from the PowerPre into the Omniport key input.